

022304  
16569 U.S. PTO

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

22278 U.S. PTO  
10/784669  
022304

In re Application of:	)	PATENT APPLICATION
	)	
Inventors: Fengyan Zhang, Wei-Wei	)	
Zhuang and Sheng Teng Hsu	)	
	)	
Serial No.: Not Yet Assigned	)	Attorney Docket No.
	)	SLA 0642
Filed: Herewith	)	
	)	
Title: BUFFER LAYERS TO ENHANCE	)	
THE C-AXIS GROWTH OF	)	Customer Number #27,518
Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> THIN FILM ON HIGH	)	
TEMPERATURE IRIIDIUM-	)	
COMPOSITE ELECTRODE	)	
	)	
Assignee: Sharp Laboratories of America,	)	
Inc.	)	
	)	

**CERTIFICATE OF MAILING BY "EXPRESS MAIL"  
UNDER 37 C.F.R. § 1.10**

"Express Mail" mailing label number ER 501212844 US  
Date of Mailing: **February 23, 2004**

I hereby certify that this correspondence is being deposited with the United States Postal Service, utilizing the "Express Mail" Post Office to Addressee" service addressed to Box PATENT APPLICATION, Assistant Commissioner for Patents, Washington, DC, 20231 and mailed on the above Date of Mailing with the above "Express Mail" mailing label number.



Victoria A. Woods  
Signature Date: **February 23, 2004**

Box PATENT APPLICATION  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is a patent application identified as follows:

Inventors: Fengyan Zhang, Wei-Wei Zhuang and Sheng Teng Hsu

Title: **BUFFER LAYERS TO ENHANCE THE C-AXIS GROWTH  
OF  $\text{Bi}_4\text{Ti}_3\text{O}_{12}$  THIN FILM ON HIGH TEMPERATURE  
IRIDIUM-COMPOSITE ELECTRODE**

No. of pages in Specification: 12 No. of Claims: 16

No. of sheets of Drawings: 2 Formal:     , Informal: X

Also enclosed are:

- X A Declaration.
- X An Assignment and Recordation Form Cover Sheet.
- X Power of Attorney by Assignee.
- A certified copy of a priority application.
- A Verified Statement to establish small entity status.
- X An Information Disclosure Statement under 37 C.F.R. §1.56.

The filing fee pursuant to 37 C.F.R. §1.16 is determined as follows:

No. Filed	No. Extra		Rate Small Entity/ Other Than Small Entity	
Basic Fee			\$385.00 \$770.00	= \$ 770.00
Total Claims <u>16</u> - 20	<u>0</u>	X	\$ 9.00 \$18.00	\$ 00.00
Independent Claims <u>2</u> - 3	<u>0</u>	X	\$ 43.00 \$ 86.00	\$ 00.00
First Presentation of Multiple Dependent Claim(s)	(0)		\$145.00 \$290.00	\$ 00.00
			Total	\$ 770.00

- If the difference is less than zero, enter "0".

X Please charge Deposit Account No. 19-1457 in the amount of (\$ 810.00) to cover the filing fee ( \$770.00 ) and assignment recording fee (\$40.00). A duplicate copy of this authorization is enclosed.

   A check in the amount of \$ 0.00 to cover the filing fee (\$ 0.00) and assignment recording fee (\$ 0.00) is enclosed.

X The Commissioner is hereby authorized to charge underpayment of any fees, (including those listed below), or credit any overpayment associated with this communication to Deposit Account No. 19-1457. A duplicate copy of this authorization is enclosed.

X Any additional filing fees under 37 C.F.R. § 1.16.

X Any patent application processing fees under 37 C.F.R. § 1.17.

Date: 2/23/04

Respectfully submitted,

By: 

David C. Ripma  
Reg. No. 27,672

David C. Ripma, Patent Counsel  
Sharp Laboratories of America, Inc.  
5750 NW Pacific Rim Boulevard  
Camas, WA 98607

Telephone: (360) 834-8754  
Facsimile: (360) 817-8505